



User Guide

BT FREEWAY MINI



Welcome...

to your BT Freeway Mini Personal Mobile Radios



- Range up to 3 Km (in ideal conditions)
- 8 Channels
- Call alert tone
- Scan function
- Volume control
- Roger beep
- Battery low warning
- Belt clips

The User Guide provides you with all the information you need to get the most from your mobile radios.

Before you use your mobile radios for the first time, follow the simple instructions in ‘Getting Started’ on the next few pages.

■ **Need help?**

If you have any problems setting up or using your BT Freeway Mini you may find the answer in ‘Help’ at the back of this guide.

Got everything?

- 2 BT Freeway Mini mobile radios
- 2 Belt clips
- 6 x AAA alkaline batteries

In this guide

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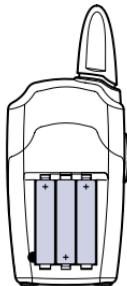
Getting started

Install the batteries

Your BT Freeway Mini mobile radios each use 3 x AAA alkaline batteries.

With the back of radio facing you, slide down the battery compartment cover.

Insert 3 x AAA alkaline batteries ensuring that the + and – marked on the batteries match up with those marked inside the battery compartment as shown.



Slide the battery cover back into place.

If the belt clip is attached, you will need to remove it first, see 'Attaching the belt clip', page 6.

Battery low warning

When the batteries are low and need replacing, your BT Freeway Mini radio repeatedly gives a double beep.

The operation of your radio will be become unreliable when the batteries are low.

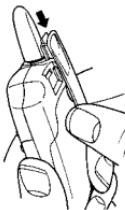
If the battery level gets too low, your radio will automatically switch off.

For long-term storage of your radios it is recommended that you remove the batteries.

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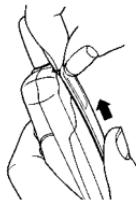
Attaching the belt clip (optional)

Slide down the belt clip into the slot on the back of the radio until it clicks into place.



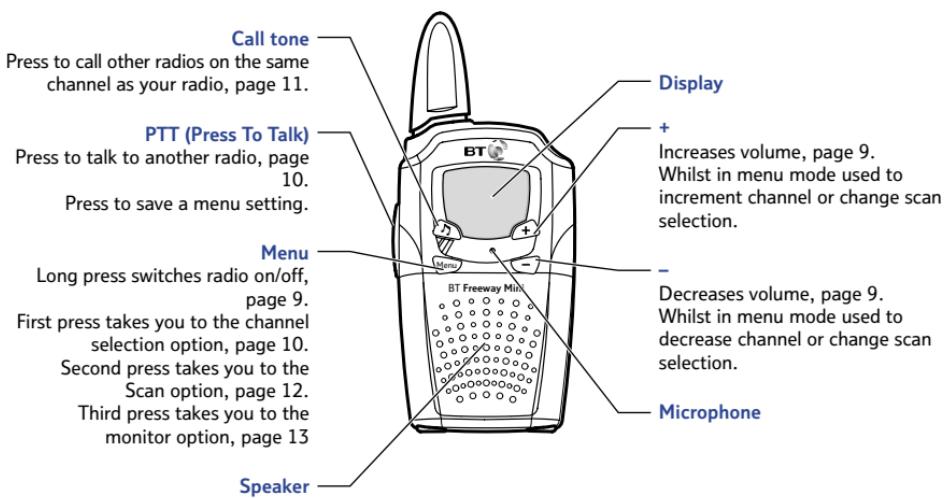
Removing the belt clip

Pull back the release catch, and slide the belt clip up and away from the radio.

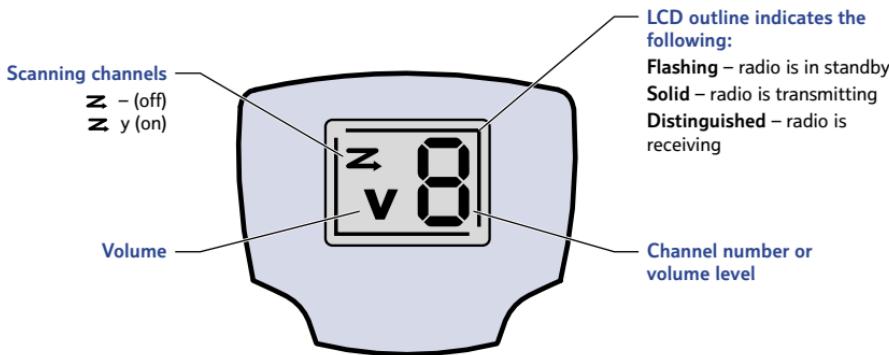


Getting to know your radio

Controls



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Display icons

Using your mobile radios

Switching on

1. Press **and hold** the  button for about 3 seconds, until you hear a beep. Your radio will briefly carry out a LCD check before displaying your current channel number.

Remember!

To communicate with others, all mobile radios in your group must be set to the same channel.

Switching off

1. Press **and hold** the  button for about 3 seconds, until you hear a beep. The radio switches off.

Adjusting the volume

There are 15 volume levels (v1 to v15)

1. When the radio is switched on, press  or  to adjust the volume. The display flashes showing the current level.
2. Either press  to save your new setting or leave the radio for 5 seconds and your new setting will be automatically saved. The radio gives a confirmation beep.

Talking and listening

Set channel

Your BT Freeway Mini has 8 channels.

To communicate with others, all radios in your group must be set to the same channel.

1. Press  Menu. The current channel flashes. Press  + or  - to select another channel.
2. *Either* press  PTT to save your new setting or leave the radio for 5 seconds and your new setting will be automatically saved. The radio gives a confirmation beep.

Talking to another radio

When your radios are switched on:

1. Press *and hold*  PTT.
2. Hold the radio about 5-7cm from your mouth and speak.

3. Release  when you have finished speaking. Your listener will hear a beep (called a roger tone) to confirm you have finished speaking. They can then speak to you.

When you are transmitting you will notice the LCD outline stops flashing and becomes permanently lit.

Sending call tone

To alert other radios in your group that you want to communicate with them, you can send a call tone. This can also help you find a misplaced radio.

1. Press . Both your radio and the other radios in your group will sound a call tone.

Listen to another radio

When switched on, your BT Freeway Mini is always in standby reception when the  is not being pressed and you are not changing any of the settings. Provided the other radio is using the same channel, you will hear them speak.

It is recommended that you do not use your radios closer than 1.5 metres apart to avoid interference.

Your radios have a range of up to 3km. However, the range is affected by the environment or terrain in which it is being used.

To obtain the maximum range, use in clear line of site situations. Obstructions between the radios (e.g. buildings) will greatly reduce the range achieved.

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When the other radio user has finished speaking you can respond.

When you are receiving a transmission you will notice the LCD outline stops flashing and distinguishes.

Channel scan

You can scan through the 8 channels on your BT Freeway Mini to check for any activity and see which channels are in use and which are free. You can also scan through to locate another radio user in your group who has accidentally changed channels.

1. Press  **twice**. The  icon is displayed along with either  or .  indicates that scan is off and  indicates that it is on. Press the  or  buttons to change the current setting.

Either press the  to save your new setting or leave the radio for 5 seconds and your current setting will be automatically saved, you will hear a confirmation beep.

- When scan is switched on your radio will rapidly scan each of the 8 channels and pause for 5 seconds on any active channel so you can hear the transmission, before resuming the scan.

If an active channel is found and you hear the transmission:

To respond to the other radio, press  within 5 seconds.

To exit the transmission, and continue with the channel scan press  or .

Channel monitor

When you are not receiving a call your handset automatically mutes the speaker so that you will not hear weak signals or background noise. By switching channel monitor **ON** you can hear transmissions on your selected channel that you would not hear under normal circumstances as the signal is too weak.

- Press  **three times**. The channel monitor is switched **ON** for 5 seconds. During this time you will hear background noise along with any weak transmissions.

When channel monitor is on you will hear a lot of background noise along with any weak transmissions.

Will not switch on

Batteries may have run down or are not installed correctly. Check and replace batteries.

No transmission

 button not pressed.

No reception

You may be out of range.

Check all radios are on the same channel.

 is accidentally being pressed.

Speech sounds distorted at the receiving end

Make sure you are not talking too closely/too far from the microphone.

Poor reception

The range is dependent on environment and terrain.

The range of your BT Freeway Mini radios can be impaired when there is not clear sight between the radios. For example, buildings and thick stone walls can severely affect the range.

General information

Safety and general

- Do not open the mobile radio.
- Radio signals transmitted between mobile radios may cause interference to hearing aids.
- Switch off the mobile radio when near medical equipment.
- This product should not be used by people with pacemakers.
- Do not use the radio when driving a vehicle or operating machinery.
- Do not use your radio when on board an aircraft.
- Do not use your radio if it has a damaged antenna. When transmitting do not hold the antenna.
- Turn the radio off and remove the batteries during long term storage.

IMPORTANT In the event of an accident this product cannot be used to contact the emergency services.

Environmental

- Never dispose of batteries in a fire. There is a serious risk of explosion and/or the release of highly toxic chemicals.
- Do not expose your product to direct sunlight, extreme cold or place it near heating appliances.
- Do not submerge any part of your product in water and do not use it in damp, humid or wet conditions.
- Do not expose your product to fire, explosive or other hazardous conditions. For example, at petrol station or areas where explosive products are used.

Cleaning

- Clean with a soft damp (not wet) cloth, or an anti-static wipe. Never use a dry cloth as this may cause a static shock.
- Never use household polish, alcohol or cleaning solutions to clean the mobile radio as this will cause damage.
- If the radio should become wet, dry it with a dry, lint-free cloth and do not use the radio until it is completely dry.

Technical information

Mobile radio channel frequency chart

Channel number	Channel frequency (MHz)
1	446.00625
2	446.01875
3	446.03125
4	446.04375
5	446.05625
6	446.06875
7	446.08125
8	446.09375

Power source: 3 x AAA alkaline batteries. **Effective radiated power:** 0.5 Watts maximum.

Typical battery life

Using good quality alkaline batteries: 24 hours. (Based on 90% standby, 5% transmit and 5% receive.)

Guarantee

Your BT Freeway Mini is guaranteed for a period of 12 months from the date of purchase.

The conditions of the guarantee are:

- The guarantee shall only apply to defects that occur within the 12 month guarantee period.
- Proof of purchase is required.
- The equipment is returned to BT or its agent as instructed.
- This guarantee does not cover any faults or defects caused by accidents, misuse, fair wear and tear, neglect, tampering with the equipment, or any attempt at adjustment or repair other than through approved agents.
- This guarantee does not affect your statutory rights.

If you have to return your product:

Pack the radios securely, preferably in the original packaging. All parts must be returned including belt clips.

Outside of guarantee:

If your product needs repair outside of the guarantee we recommend that you call **0167 256 4444** for details of our recommended repair agents.

R&TTE

This product is intended for use within the United Kingdom and other European member states that have implemented the PMR446 service. Before using your radio outside the United Kingdom you should check that the relevant radio administration has implemented the PMR446 service and that no restrictions apply. Information regarding the implementation of the service can be found on the European Radiocommunications Office (ERO) website: <http://www.ero.dk>

This equipment complies with the Essential Requirements and Provisions of the Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC.

Declaration of Conformity

A copy of the original manufacturer's Declaration of Conformity can be obtained by calling **01473 605 893** or alternatively by e-mail from the following address
<mailto:commprod@btuk02.bt.com>

BT accessories and replacement items

For a full range of accessories and replacement items for BT products please call **0870 240 5522**, or visit:



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